BRAININFO 2016

The First International Conference on Neuroscience and Cognitive Brain Information

November 13 - 17, 2016

Barcelona, Spain

BRAININFO 2016 Editors

Pengyu Hong, Brandeis University, USA

Birgit Gersbeck-Schierholz, Leibniz Universität Hannover, Germany

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571

Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2016) by International Academy, Research, and Industry Association (IARIA)
Please refer to the Copyright Information page.

Printed by Curran Associates, Inc. (2016)

International Academy, Research, and Industry Association (IARIA)
412 Derby Way
Wilmington, DE 19810

Phone: (408) 893-6407
Fax: (408) 527-6351

petre@iaria.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2633
Email: curran@proceedings.com
Web: www.proceedings.com

Table of Contents

Classification of Hand Flexion/Extension Using High-density ECoG 1
Tianxiao Jiang, Tao Jiang, Taylor Wang, Shenshen Mei, Qingzhu Liu, Yunlin Li, Xiaofei Wang, Sujit Prabhu, Zhiyi Sha, and Nuri Ince

Incorporate Deep-Transfer-Learning into Automatic 3D Neuron Tracing 5
Zhihao Zheng and Pengyu Hong